FORM PTO-1449/A and B (Modified)	APPLICATION NO.: Not Yet Assigned	ATTY. DOCKET NO.: M0656/70098US00
INFORMATION DISCLOSURE	FILING DATE: Herewith	CONFIRMATION NO.:
STATEMENT BY APPLICANT	APPLICANT: Landers et al.	
Sheet I of 5	OROUF ART UNIT. Not Yet Assigned	EXAMINER: Net Vet Assigned

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Docu	ment	Name of Patentee or Applicant of Cited	Date of Publication or of issue	
		Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
KS *A1 5,9		5,946,431		Fernandes, J.	8/31/99	
	*A2	5,945,675		Malins, D.	8/31/99	
	*A3	5,945,283		Kwok, P-Y., et al.	8/31/99	
	*A4	5,942,392		Amouyel, P., et al.	8/24/ 99	
	*A5	5,919,626		Shi, J., et al.	7/6/99	
	*A6	5,908,978		Amerson, H., et al.	6/1/99	
	*A7	5,888,778		Shuber	3/30/99	
	*A8	5,885,775		Haff, et al.	3/23/99	
	*A9	5,869,237		Ward, D., et al.	2/9/99	
	*A10 ·	5,866,337		Schon	2/2/99	
	*A11	5,861,245		McClelland, et al.	1/19/99	
	*A12	5,858,659		Sapolsky, et al.	1/12/99	
	*A13	5,856,104		Chee, et al.	1/5/99	
:	*A14	5,834,189		Stevens, J., et al.	11/10/98	
	*A15	5,817,007		Fodgaard, H., et al.	10/6/98	
Ī	*A16	5,814,444		Rabinovitch, P.	9/29/98	
	*A17	5,811,239		Frayne	9/22/98	
	*A18	5,795,722		Lacroix, J-M., et al.	8/18/98	
	*A19	5,789,168		Leushner, J. et al.	8/4/98	
	*A20	5,787,032		Heller, et al.	7/28/98	
	*A21	5,762,876	1	Lincoln, et al.	6/9/98	
	*A22	5,760,130		Johnston, et al.	6/2/98	
	*A23	5,759,821		Teasdale	6/2/98	
	*A24	5,744,305		Fodor, et al.	4/28/98	
	*A25	5,741,678		Ronai, Z.	4/21/98	
	*A26	5,738,993		Fugono, et al.	4/14/98	
	*A27	5,731,171		Bohlander	3/24/98	
	*A28	5,728,524		Sibson	3/17/98	
	*A29	5,721,098		Pinkel, D., et al.	2/24/98	
	*A30	5,710,000		Sapolsky, et al.	1/20/98	
	*A31	5,702,890		Housman, D.	12/30/97	
	*A32	5,695,933		Schalling, M., et al.	12/9/97	
	*A33	5,683,872		Rudert, W., et al.	11/4/97	
	*A34	5,679,524		Nikiforov, T., et al.	10/21/97	
	*A35	5,667,976		Van Ness, J., et al.	9/16/97	
	*A36	5,667,972		Drmanac, R., et al.	9/16/97	
V	*A37	5,663,062		Sorge, J., et al.	9/2/97	

FORM PTO-1449/A and B (Modified)	APPLICATION NO.: Not Yet Assigned	ATTY. DOCKET NO.: M0656/70098US00
INFORMATION DISCLOSURE	FILING DATE: Herewith	CONFIRMATION NO.:
STATEMENT BY APPLICANT	APPLICANT: Landers et al.	
Sheet 2 of 5	GROUP ART UNIT: 4 NOT YET Assigned	EXAMINER: Not Yet Assigned Salmon

Examiner's	Cite	U.S. Patent Docum	ent	Name of Patentee or Applicant of Cited	Date of Publication or of issue	
Initials	itials No. Number Kind Code		Document	of Cited Document MM-DD-YYYY		
KS	*A38 5,639,611		Wallace, et al.	6/17/97		
	*A39 ·	5,633,134		Shuber, T.	5/27/97	
	*A40	5,632,957		Heller, M., et al.	5/27/97	
	*A41	5,610,287		Nikiforov, T., et al.	3/11/97	
•	*A42	5,605,662		Heller, M., et al.	2/25/97	
	*A43	5,604,099		Erlich, et al.	2/18/97	
	*A44	5,604,097		Brenner	2/18/97	
	*A45	5,599,921		Sorge, et al.	2/4/97	
	*A46	5,599,674		Pena, S., et al.	2/4/97	
	*A47	5,597,694		Munroe, et al.	1/28/97	
	*A48	5,589,330	ŀ	Shuber, A.	12/31/96	
	*A49	5,582,989		Caskey, et al.	12/10/96	
	*A50	5,578,458		Caskey, et al.	11/26/96	
	*A51	5,578,443		Santamaria, P., et al.	11/26/96	
	*A52	5,576,180		Melanon, et al.	11/19/96	
	*A53	5,565,322		Heller, M.	10/15/96	
	*A54	5,518,900		Nikiforov, et al.	5/21/96	
	*A55	5,510,084		Cros, P., et al.	4/23/96	
	*A56	5,487,985		McClelland, M., et al.	1/30/96	
	*A57	5,468,613		Erlich, et al.	11/21/95	
	*A58	5,445,934		Fodor, S., et al.	8/29/95	
	*A59	5,220,004		Saiki, et al.	6/15/93	
	*A60	5,126,239		Livak, K., et al.	6/30/92	
	*A61	5,106,727		Hartely, J., et al.	4/21/92	
	*A62	5,104,792		Silver, J., et al.	4/14/92	
	*A63	5,043,272		Hartley, J.	8/27/91	
	*A64	5,034,428		Hoffman, A., et al.	7/23/91	
	*A65	5,032,502		Stodolsky	7/16/91	
	*A66	4,963,663		White, R., et al.	10/16/90	
	*A67	4,946,980		Halm, R., et al.	8/7/90	
	*A68	4,829,098		Hoffman, et al.	. 5/9/89	
	*A69	4,588,682		Groet, S., et al.	5/13/86	
	*A70	5,545,527		Stevens et al.	08/13/96	
	*A71	5,612,179		Simons	03/18/97	
	*A72	5,707,806		Shuber	01/13/98	
	*A73	5,728,530		Rust et al.	03/17/98	
	*A74	5,834,181		Shuber	11/10/98	
V	*A75	5,849,483		Shuber	12/15/98	

FORM PT	TO-1449/A and B (M	lodified)	APPLICATION NO.	: Not Yet Assigned	ATTY. DOCKET NO.: M0656/70098US00
		DISCLOSURE	FILING DATE:	Herewith	CONFIRMATION NO.:
STA	TEMENT BY	APPLICANT	APPLICANT:	Landers et al.	
Sheet	3	of 5	GROUP ART UNIT	Not Yet Assigned	EXAMINER: Not Yet Assigned Salmon

Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue	
Initials	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY	
KS	*A76	5,981,176		Wallace	11/09/99	
1	*A77	5,994,056	- I ·	Stevens et al.	11/30/99	
	*A78	6,013,431	•	Higuchi	08/13/96	
	*A79	6,015,675		Söderlund et al.	03/18/97	
	*A80	5,545,527		Caskey et al.	01/11/00	
	*A81	6,027,889		Barany et al.	01/18/00	
	*A82	6,037,124		Matson	02/22/00	
	*A83	6,048,689		Murphy et al.	03/14/00	
	*A84	6,083,763		Balch	04/11/00	
	*A85	6,100,030		McCasky Feazel et al.	07/04/00	
1/	*A86	6,383,742	BI	Drmnanac et al.	05-2002	
V	*A87	5,910,576	Α	Berina et al.	06-1999	

FOREIGN PATENT DOCUMENTS

	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	T. a. alasian
Examiner's Initials	No.	Office/ Countr y	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	Translation (Y/N)
	*B1	ED	EP0534858A1		Keygene N.V.	3/31/93	
	*B2	wo -	-W095/126 07		Molecular Tool, Inc.	5/11/95	
	*B3	WO	W.096/170 82		E.I. Du Pont De Nemours And Company	6/6/96	
	*B4	WO	W096/1795 7		Hyseq, Inc.	6/13/96	
	*B5	WO	WO96/38591		Incyte Pharmaceuticals, Inc.	12/5/96	
	*B6	wo	-WO97/12 030		Nanogen, Inc.	4/3/97	
	*B7	WO	WO97/ 29212		Affymetrix, Inc.	8/14/97	
	*B8-	WO	WO97739151		Affymetrix, Inc.	10/23/97	
	*B9	WO	-WO97/ 43450		Affymetrix, Inc.	11/20/97	
	*B10	WO	WO98 /12354		Affymetrix, Inc.	3/26/98	
	*B11	wo	-WO9818967		Affymetrix, Inc.	5/7/98	
	*B12	₩0	WO98/ 24796		Affymetrix, Incorporated	6/11/98	
	*B13	WO	WO98/30883		Affymetrix, Inc.	7/16/98	
	*B14-	WO	WO98/31836		Hyseq, Inc.	7/23/98	
	*B15	wo	WO9 8/20165		Whitehead Biomedical Inst.	11/05/97	
	*B16-	W0 -	WO97/31327		Motorola, Inc.	12/11/96	
	*B17_	wo	WO99/01576		University of Bristol	1/14/99	
	*B18	EP	EP9950720A1		Affymetrix, Inc.	10/20/99	
	*B1 <u>9</u>	-WO	WO00/24939		Affymetrix, Inc.	5/04/00	
	*B20_	EP	EP1001037A2		Whitehead Institute of Biomedical	5/17/00	

FORM PTC	FORM PTO-1449/A and B (Modified)		APPLICATION NO	.: Not Yet Assigned	ATTY. DOCKET NO.: M0656/70098US00	
INFORMATION DISCLOSURE				FILING DATE:	Herewith	CONFIRMATION NO.:
STATEMENT BY APPLICANT		APPLICANT:	PPLICANT: Landers et al.			
		GROUP ART UNIT	Not Yet Assigned	EXAMINER: Not Yet Assigned— Salmon		
Sheet	4	of	5	1	634	Salmon

OTHER ART - NON PATENT LITERATURE DOCUMENTS

		OTHER ART - NON PATENT LITERATURE DOCUMENTS	Translation						
Examiner's	Cite								
Initials	No	publisher, city and/or country where published.							
	*CI	Center for Medical Genetics: Marshfield Medical Research Foundation, "Genotyping Statistics",							
		(1998)							
	*C2	Cheung, et al., "Whole genome amplification using a degenerate oligonucleotide primer allows	 						
	102	Cheung et al. Whole genome amprication using a degenerate originate of the state of	1						
		hundreds of genotypes to be performed on less than one nanogram of genomic DNA", Proc. Natl.	1 1						
	1 + 62	Acad. Sci. USA, Vol. 93, pp. 14676-14679 (1996)							
	*C3	Delahunty, et al. "Testing the feasibility of DNA typing for human identification by PCR and an	1						
		oligonucleotide ligation assay", Am. J. Hum. Genet., 58, pp. 1239-1246 (1996)							
	*C4	Elango, et al., "Generation and mapping of Mus spretus strain-specific markers for rapid genomic							
		scanning" Mammalian Genome 7, pp. 340-343 (1996)							
	*C5	Gilles, et al., "Single nucleotide polymorphic discrimination by an electronic dot blot assay on							
		semiconductor microchips" Nature Biotechnology Vol. 17, pp. 365-370 (1999)							
	*C6	Howell, et al., "Dynamic allele-specific hybridization: A new method for scoring single	 						
	—	nucleotide polymorphisms", Nature Biotechnology, Vol. 17, pp. 87-88 (1999)							
	*C7	Ledbetter, et al., "Rapid isolation of DNA probes within specific chromosome regions by							
	<u></u>	Leavener, et al., Kapid Isolation of Diva proces within specific circomosome regions by							
	+00	interspersed repetitive sequence polymerase chain reaction" Genomics 6, pp. 475-481 (1990)	 						
· .	*C8 —	Hunter, et al., "Toward the construction of integrated physical and genetic maps of the mouse							
	1	genome using interspersed repetitive sequence PCR (IRS-PCR) genomics", Genome Research, 6,	1 1						
		pp. 290-299 (1996)							
	*C9_	McCarthy, et al., "Efficient high-resolution genetic mapping of mouse interspersed repetitive							
		sequence PCR products, toward integrated genetic and physical mapping of the mouse genome",							
].	Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 5302-5306 (1995)							
	*C10_								
		1516-1517 (1996)							
	*CI L	Sinnett, et al., "Alumorphs-Human DNA polymorphisms detected by polymerase chain reaction	 						
	- : - :	using alu-specific primers", Genomics 7, pp. 331-334 (1990)							
	*C12_	Telenius, et al., "Degenerate oligenucleotide-primed PCR: General amplification of target DNA	 						
	012								
	*C13	by a single degenerate primer", Genomics 13, pp. 718-725 (1992)							
	1.013	Vos. et al., "AFLP: a new technique for DNA fingerprinting", Nucleic Acids Research, Vol. 23,	1						
	<u> </u>	No. 21 pp. 4407-4414 (1995)							
	*C14_								
		polymorphisms in the human genome, Science, 280:1077-1082 (1998)							
	*C15-	The state of the s							
		Research, Vol. 18, No. 24 pp. 7213-7218 (1990)							
	*Cl6_	Zietkiewicz, et al., " I inkage mapping by simultaneous screening of multiple polymorhic loci							
•	1	using Alu oligonucleotide-directed PCR", Proc. Natl. Acad. Sci. USA Vol. 89, pp. 8448-8451							
		(1992).							
	*C17	Winzeler, et al. "Direct allelic variatio scanning of the yeast genom", Science Vol. 281, pp.							
		1194-1197 (1998)	1						
	*C18	Broude, et al., "Differential Display of Genome Subsets Containing Specific Interspersed	 -						
		Repeats" PNAS, 94: 4548							
		-4553, (April 1997).							
	*C19		 -						
	1.049	Tanana and a second and a second a seco							
		Electrophoretic Analysis of Human DNA on Microchip-Based Devices", Anal. Biochem.,							
٠,	l	257:101-106 (March 1998)	Ll.						

FORM PT	O-1449/A and B (N	Modified)	APPLICATION NO.	: Not Yet Assigned	ATTY. DOCKET NO.: M0656/70098US00
		DISCLOSURE	FILING DATE:	Herewith	CONFIRMATION NO.:
STA	TEMENT BY	APPLICANT	APPLICANT:	Landers et al.	
Sheet 5 of 5		GROUP ART UNIT:	Not Yot Assigned	EXAMINER: Not Yet Assigned. Salmon	

Examiner's Initials	Cite No	No (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s). publisher, city and/or country where published.						
	*C20	Himmelbauer, et al., "Complex Probes for High-Throughput Parallel Genetic Mapping of						
	<u> </u>	Genomic Mouse Bac Clones", Mammalian Genome, 9:611-616 (August 1998)						
	*C 21	Krugiyak, L, The Use of A Genetic Map of Biallelic Markers In Linkage Studies" Nature Genetics, 17(1):22-24 (9/1/97)						
	*C22	Xiong M., et al., "Biallelic Markers In Genetics Studies of Human Diseases", America n Journal of Human Genetics, 61(4):1759						
	*C <u>23</u>	Wang, D. et al., "Large-Scale Identification, Mapping, and Genotyping", Science, US, Am. Assoc. For the Advancement of Science, 280 (280):1077-1082 (May 1998)						
	*C24	Armstrong et al., "Suspension Arrays for High Throughput, Multiplexed Single Nucleotide Polymorphism Genotyping", Cytometry 40:102-108 (2000)						
	*C25	Cronin et al., "Applying rapid DNA microarray optimization capability to SNP screening and genotyping", American Journal of Human Genetics, 65(4):pA224, October 1999, No. 1238						
	*C26	Griffin et al. "Direct genetic analysis by matrix-assisted laser desorption/ionization mass spectrometry", Proc. Natl. Acad. Sci. USA, Vol. 96, pages 6301-6306, May 1999, Genetics						
	*C27	Holloway et al., "Comparison of Three Methods for Single Nucleotide Polymorphism Typing for DNA Bank Studies: Sequence-Specific Oligonucleotide Probe Hybridisation, TaqMan Liquid Phase Hybridisation, and Microplate Array Diagonal Gel Electrophoresis (MADGE)", Human Mutation, 14:340-347 (1999)						
	*C28	Ligation and Flow Cytometry, Cytometry, 39:131-140, (2000)						
	*C29-	Ruano et al., "Haplorype of multiple polymorphism resolved by enzymatic amplification of single DNA molecules", Proc. Natl. Acad. Sci. USA, Vol. 87, pages 6296-6300, August 1990, Genetics						
	*C30_	Saver et al., "A novel procedure for efficient genotyping of single nucleotide polymorphisms", Nucleic Acids Research, 2000, Vol. 28, No. 5, E13-e13, Oxford University Press						
	*C3+-	Toh et al "Large-scale discovery and genotyping of single-nucleotide polymorphisms in the mouse", Nature Genetics, Vol. 24, pages 381-386, April 2000						
	•C 32	Himmelbauer et al., Mammalian Genome, Vol. 9, pages 611-616, 1998.						
	*C33-	Telenius et al., Genomics, Vol. 13, pages 718-725, 1992.	,					

EXAMINER /Katherine Salmon/	DATE CONSIDERED	01/16/2007
-----------------------------	-----------------	------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

			O	n'.	·		
FORM PTO-1449/A and B (Mod\fi			DEC 0 6 2004	APPLICATION NO.: 10/676,154	ATTY. DOCKET NO.: M0656.70098US00		
INFORMATION DISCLOSURED				FILING DATE: September 29, 2003 CONFIRMATION NO.: 7775			
STAT	EMENT BY	APP	LICANT	APPLICANT: Landers et al.			
			и _	GROUP ART UNIT: 1631 1634	EXAMINER: Not Yet Assigned Salmon		
Sheet	1	of	1	GROOT ART OWN. 103.	DAMMING. NOT TO 1551ghes		

NPE ...

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Do	cument	Name of Patentee or Applicant of Cited	Date of Publication or of issue of Cited Document MM-DD-YYYY	
Initials	No.	Number	Kind Code	Document		
KS A89		6,103,463		Chelverin et al.	05-15-2000	
	A90	6,306,643	Bl	Gentalen et al.	10-23-2001	
	A91	6,368,799	Bl	Chee	04-09-2002	
\/	A92	6,509,160	. B1	Sapolsky et al.	01-21-2003	
•	A93	6,703,228	Bl	Landers et al.	03-09-2004	

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	Translation
	No.	Office/ Country	Number	Kind Code	Document (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
KS	B21	wo	98/41657	Al	Affymetrix, Inc.	11-05-1997	
					-		·
			·				

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Transl (Y/I	
KS	C34	BARRETT et al., Genotypic analysis of multiple loci in somatic cells by whole genome amplification. Nucleic Acids Res. 1995 Sep 11;23(17):3488-92.		
KS	C35	LUCITO et al., Genetic analysis using genomic representations. Proc Natl Acad Sci U S A. 1998 Apr 14;95(8):4487-92.		

EXAMINER:	DATE CONSIDERED:
/Katherine Salmon/	01/16/2007

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

[NOTE - The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b). For all patent applications filed on or before June 30, 2003, copies of cited U.S. patents and patent application publications are still required unless an eIDS is filed. Copies of all other patent(s), publication(s), or other information listed must still be provided, even if it was previously submatted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

^{*}a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ___, filed ___, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

			JUN 0 1 2004 S	.)					
FORM PTO-1449/A and B (Motified)					APPLICATION NO.: 10/676,154 ATTY. DOCKE			ET NO.: M0656.70098US00	
INFORMATION DISCHOLLEN				FILING	FILING DATE: September 29, 2003 CONFIRMAT		TION NO.: 7775		
STATE	EMENT	BY APP	LICANT	APPLIC	ANT: John Landers et al.				
Sheet	Sheet 1 of 1				GROUP ART UNIT: 1634 EXAMINER:			: Not yet assigned SALMON	
				U.S.	PATENT DOCUMENTS			·	
Examiner's	Cite	U.S. Patent Documen		ent	traile of facilities of Application Cites		Date of Publication or of issue of Cited Document		
Initials	No.	N	umber	Kind Code	Document		MM-DD-YYYY		
KS	•	6,361,947		B1	Dong et al.		March 26, 2002		
•	 	ļ							
-	Ţ								
	 	1.							
		· 		FOREIG	GN PATENT DOCUMENTS				
Examiner's	Cite	Fore	ign Patent Docur		Name of Patentee or Applicant of Cited		Date of Publication of Translati	Translation	
Initials	No.	Office/ Country	Number	Kind Code	Document (not necessary)		Cited Document MM-DD-YYYY	(Y/N)	
						· · · · · · · · · · · · · · · · · · ·			
				,					
						· · · · · · · · · · · · · · · · · · ·			
	-			<u> </u>					
							-		
			OTHER A	ART NO	N PATENT LITERATURE DOCL	IMENTS			
Examiner's Initials	Cite No	Include r (book, m	ame of the autho	r (in CAPIT serial, symp	AL LETTERS) title of the article (woosium, catalog, etc.), date, relevant er, city and/or country where publish	hen appropriate page(s), volume	e), title of the item >issue number(s),	Translation (Y/N)	
							•		
	1		· · · · · · · · · · · · · · · · · · ·						

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/Katherine Salmon/

DATE CONSIDERED

01/16/2007

EXAMINER

[•] copy of this patent not enclosed pursuant to the waiver by the USPTO of the requirementunder 37 C.F.R. 1.98 (a)(2)(i) for patent applications filed after June 30, 2003.